
Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=4; day=30; hr=20; min=16; sec=49; ms=897;]

Reviewer Comments:

SEQUENCE LISTING

<110> Hellström, Mats Wallgard, Elisabet Kalén, Mattias

Please remove the foreign accent marks in the first and third applicant's names; foreign accent marks are non-ACII characters, which cannot be processed.

<120> ANGIOGENESIS-AFFECTING POLYPEPTIDES, PROTEINS, AND COMPOSITIONS, AND METHODS OF USE THEREOF

The above <120> response exceeds the Sequence Rules' required 72-character line limit: please adjust the line, by inserting hard returns.

(from the end of Sequence 52)
Ser Cys Ser Leu Glu Pro Ser Ala Pro Glu Asp Leu Leu
850 855 860

1

Please remove the "1" above, which appears at the end of the submitted file.

*********	******	*****	

Validated By CRFValidator v 1.0.3

Application No: 10581761 Version No: 1.0

Input Set:

Output Set:

Started: 2008-04-15 14:49:57.985

Finished: 2008-04-15 14:50:00.843

Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 858 ms

Total Warnings: 30

Total Errors: 2

No. of SeqIDs Defined: 52

Actual SeqID Count: 52

Err	or code	Error Description								
W	402	Undefined	organism	found	in	<213>	in	SEQ	ID	(1)
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Input Set:

Output Set:

Started: 2008-04-15 14:49:57.985

Finished: 2008-04-15 14:50:00.843

Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 858 ms

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No. of SeqIDs Defined: 52

Actual SeqID Count: 52

Error code Error Description

This error has occured more than 20 times, will not be displayed

E 355 Empty lines found between the amino acid numbering and the

E 321 No. of Bases conflict, this line has no nucleotides SEQID (52)

<210> 1 <211> 736 <212> DNA <213> Murinae gen. sp. <400> 1 gtgatccagg atccgaagag gcccggagca ggagcatggc gtcgtcgggg tcggtgcagc 60 agctgcccct ggtgctgctg atgttgctgt tggcgagtgc ggcacgggcc agactctact 120 teegeteggg ceagaettge taccatecea ttegegggga eeagetgget etgetgggge 180 gcaggactta tecteggeeg catgagtace tgteeceage ggateteece aagaattggg 240 300 actqqaqaaa tqtqaacqqt qtcaactatq ccaqcqtcac caqqaaccaq cacatcccac agtactgtgg ttcctgctgg gcccacggca gcaccagtgc catggcagac cgaatcaaca 360 tcaagaggaa aggtgcatgg ccctccatcc tgctgtccgt acagaatgtc attgactgtg 420 gcaatgctgg ctcttgtgaa gggggcaatg accttccggt gtgggagtat gcccacaagc 480 540 atggcatccc cgatgagacc tgcaacaact accaggcaag gaccaagact gtgacaagtt taaccagtgt gggacctgca ctgaattcaa agagtgtcac accatccaga attacaccct 600 ctggagagtg ggtgattacg gtccctgtcc gggagggaga agatgatggc gagatctatg 660 ccaatggtcc catcagctgc gggataatgg gcaccagaga tgatgtctaa ctacactggg 720 736 ggcatctatg ctgagc <210> 2 <211> 1404 <212> DNA <213> Murinae gen. sp. <400> 2 aaaggaccgg geggggegte eegagegegt gggeetgegg gtegggteaa gaggtegaag 60 gtgctgcgcg tgatccagga tccgaattgg cccggagcag gagcatggcg tcgtcggggt 120 cggtgcagca gctgcccctg gtgctgctga tgttgctgtt ggcgagtgcg gcacgggcca 180 gactctactt ccgctcgggc cagacttgct accatcccat tcgcggggac cagctggctc tgctggggcg caggacttat cctcggccgc atgagtacct gtccccagcg gatctcccca 300 agaattggga ctggagaaat gtgaacggtg tcaactatgc cagcgtcacc aggaaccagc 360 acateceaca gtactgtggt teetgetggg eecaeggeag eaceagtgee atggeagaee 420 480 gaatcaacat caagaggaaa ggtgcatggc cctccatcct gctgtccgta cagaatgtca

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540

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ccgagatcta	tgccaatggt	cccatcagct	gcgggataat	ggcaacagag	atgatgtcta	780
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<211> 306

<212> PRT

<213> Murinae gen. sp.

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1 5 10 15

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Gln Thr Cys Tyr His Pro Ile Arg Gly Asp Gln Leu Ala Leu Leu Gly 35 40 45

Arg Arg Thr Tyr Pro Arg Pro His Glu Tyr Leu Ser Pro Ala Asp Leu 50 55 60

Pro Lys Asn Trp Asp Trp Arg Asn Val Asn Gly Val Asn Tyr Ala Ser 65 70 75 80

Val	Thr	Arg	Asn	Gln 85	His	Ile	Pro	Gln	Tyr 90	Суз	Gly	Ser	Суз	Trp 95	Ala
His	Gly	Ser	Thr 100	Ser	Ala	Met	Ala	Asp	Arg	Ile	Asn	Ile	Lys 110	Arg	Lys
Gly	Ala	Trp 115	Pro	Ser	Ile	Leu	Leu 120	Ser	Val	Gln	Asn	Val 125	Ile	Asp	Суз
Gly	Asn 130	Ala	Gly	Ser	Cys	Glu 135	Gly	Gly	Asn	Asp	Leu 140	Pro	Val	Trp	Glu
Tyr 145	Ala	His	Lys	His	Gly 150	Ile	Pro	Asp	Glu	Thr 155	Cys	Asn	Asn	Tyr	Gln 160
Ala	Lys	Asp	Gln	Asp 165	Cys	Asp	Lys	Phe	Asn 170	Gln	Cys	Gly	Thr	Cys 175	Thr
Glu	Phe	Lys	Glu 180	Суз	His	Thr	Ile	Gln 185	Asn	Tyr	Thr	Leu	Trp 190	Arg	Val
Gly	Asp	Tyr 195	Gly	Ser	Leu	Ser	Gly 200	Arg	Glu	Lys	Met	Met 205	Ala	Glu	Ile
Tyr	Ala 210	Asn	Gly	Pro	Ile	Ser 215	Суз	Gly	Ile	Met	Ala 220	Thr	Glu	Met	Met
Ser 225	Asn	Tyr	Thr	Gly	Gly 230	Ile	Tyr	Ala	Glu	His 235	Gln	Asp	Gln	Ala	Val 240
Ile	Asn	His	Ile	Ile 245	Ser	Val	Ala	Gly	Trp 250	Gly	Val	Ser	Asn	Asp 255	Gly
Ile	Glu	Tyr	Trp 260	Ile	Val	Arg	Asn	Ser 265	Trp	Gly	Glu	Pro	Trp 270	Gly	Glu
Lys	Gly	Trp 275	Met	Arg	Ile	Val	Thr 280	Ser	Thr	Tyr	Lys	Gly 285	Gly	Thr	Gly
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<211> 1480

<212> DNA

<213> Homo sapiens

<400> 4

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<211> 303

<212> PRT

<213> Homo sapiens

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Cys Tyr Arg Pro Leu Arg Gly Asp Gly Leu Ala Pro Leu Gly Arg Ser 35 40 45

Thr Tyr Pro Arg Pro His Glu Tyr Leu Ser Pro Ala Asp Leu Pro Lys 50 55 60

Ser Trp Asp Trp Arg Asn Val Asp Gly Val Asn Tyr Ala Ser Ile Thr 65 70 75 80

Arg Asn Gln His Ile Pro Gln Tyr Cys Gly Ser Cys Trp Ala His Ala 85 90 95

Ser Thr Ser Ala Met Ala Asp Arg Ile Asn Ile Lys Arg Lys Gly Ala 100 105 110

Trp Pro Ser Thr Leu Leu Ser Val Gln Asn Val Ile Asp Cys Gly Asn 115 120 125

Ala Gly Ser Cys Glu Gly Gly Asn Asp Leu Ser Val Trp Asp Tyr Ala 130 135 140

Asp Gln Glu Cys Asp Lys Phe Asn Gln Cys Gly Thr Cys Asn Glu Phe 165 170 175

Lys Glu Cys His Ala Ile Arg Asn Tyr Thr Leu Trp Arg Val Gly Asp 180 185 190

Tyr Gly Ser Leu Ser Gly Arg Glu Lys Met Met Ala Glu Ile Tyr Ala 195 200 205

Asn Gly Pro Ile Ser Cys Gly Ile Met Ala Thr Glu Arg Leu Ala Asn 210 215 220

Tyr Thr Gly Gly Ile Tyr Ala Glu Tyr Gln Asp Thr Thr Tyr Ile Asn 225 230 235 240

His Val Val Ser Val Ala Gly Trp Gly Ile Ser Asp Gly Thr Glu Tyr 245 250 255

Trp Ile Val Arg Asn Ser Trp Gly Glu Pro Trp Gly Glu Arg Gly Trp
260 265 270

Leu Arg Ile Val Thr Ser Thr Tyr Lys Asp Gly Lys Gly Ala Arg Tyr 275 280 285

Asn Leu Ala Ile Glu Glu His Cys Thr Phe Gly Asp Pro Ile Val 290 295 300

<210> 6

<211> 646

<212> DNA

<213> Murinae gen. sp.

<400> 6

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<211> 1805

<212> DNA

<213> Murinae gen. sp.

<400> 7

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<211> 536

<212> PRT

<213> Murinae gen. sp.

<400> 8

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20 25 30

Pro Ala Leu Trp Pro Phe Pro Arg Ser Val Gln Met Phe Pro Arg Leu
35 40 45

Leu Tyr Ile Ser Ala Glu Asp Phe Ser Ile Asp His Ser Pro Asn Ser 50 55 60

Thr Ala Gly Pro Ser Cys Ser Leu Leu Gln Glu Ala Phe Arg Arg Tyr 65 70 75 80

Tyr Asn Tyr Val Phe Gly Phe Tyr Lys Arg His His Gly Pro Ala Arg \$90\$ 95

Phe Arg Ala Glu Pro Gln Leu Gln Lys Leu Leu Val Ser Ile Thr Leu 100 105 110

Glu Ser Glu Cys Glu Ser Phe Pro Ser Leu Ser Ser Asp Glu Thr Tyr 115 120 125

Ser Leu Leu Val Gln Glu Pro Val Ala Val Leu Lys Ala Asn Ser Val 130 135 140

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Pro	Arg	Phe	Pro 180	His	Arg	Gly	Ile	Leu 185	Ile	Asp	Thr	Ser	Arg 190	His	Phe
Leu	Pro	Val 195	Lys	Thr	Ile	Leu	Lys 200	Thr	Leu	Asp	Ala	Met 205	Ala	Phe	Asn
Lys	Phe 210	Asn	Val	Leu	His	Trp 215	His	Ile	Val	Asp	Asp 220	Gln	Ser	Phe	Pro
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Tyr	Asn 290	Gln	Lys	Thr	Lys	Thr 295	Gln	Val	Phe	Gly	Pro 300	Val	Asp	Pro	Thr
Val 305	Asn	Thr	Thr	Tyr	Ala 310	Phe	Phe	Asn	Thr	Phe 315	Phe	Lys	Glu	Ile	Ser 320
Ser	Val	Phe	Pro	Asp 325	Gln	Phe	Ile	His	Leu 330	Gly	Gly	Asp	Glu	Val 335	Glu
Phe	Gln	Суз	Trp 340	Ala	Ser	Asn	Pro	Asn 345	Ile	Gln	Gly	Phe	Met 350	Lys	Arg
Lys	Gly	Phe 355	Gly	Ser	Asp	Phe	Arg 360	Arg	Leu	Glu	Ser	Phe 365	Tyr	Ile	Lys

Lys Ile Leu Glu Ile Ile Ser Ser Leu Lys Lys Asn Ser Ile Val Trp 370 375 380

Gln Glu Val Phe Asp Asp Lys Val Glu Leu Gln Pro Gly Thr Val Val 385 390 395 400

Glu Val Trp Lys Ser Glu His Tyr Ser Tyr Glu Leu Lys Gln Val Thr \$405\$ \$410\$ \$415\$

Gly Ser Gly Phe Pro Ala Ile Leu Ser Ala Pro Trp Tyr Leu Asp Leu 420 425 430

Ile Ser Tyr Gly Gln Asp Trp Lys Asn Tyr Tyr Lys Val Glu Pro Leu